



SUPPORTING THE WARFIGHTER: TODAY AND TOMORROW

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Readiness Center**



Today's Topics

- **Mission**
- **Current Operations**
- **Joint Vision 2020**
- **Focused Logistics**
- **Logistics Transformation**



J4 Mission

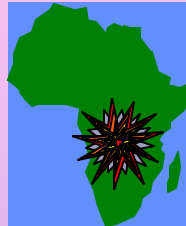
Full time support to the Chairman and the warfighting CINCs in successfully executing the full spectrum of military operations in a joint, effective and efficient manner via focused logistics for today and the 21st century.

Full Spectrum Supportability



“Traditional” Operations Supported by Logistics 30-60 Days Supply

LOGISTICS/OPS



Today and Future Logistics Simultaneous with Operations



Operational Spectrum



Rwanda

Humanitarian Assistance



Somalia

Peace Keeping



Desert Storm

Peace Enforcement

Minor Conflict

Major Theater War

Full Spectrum Operations



Hurricane Mitch



Haiti



Bosnia

10

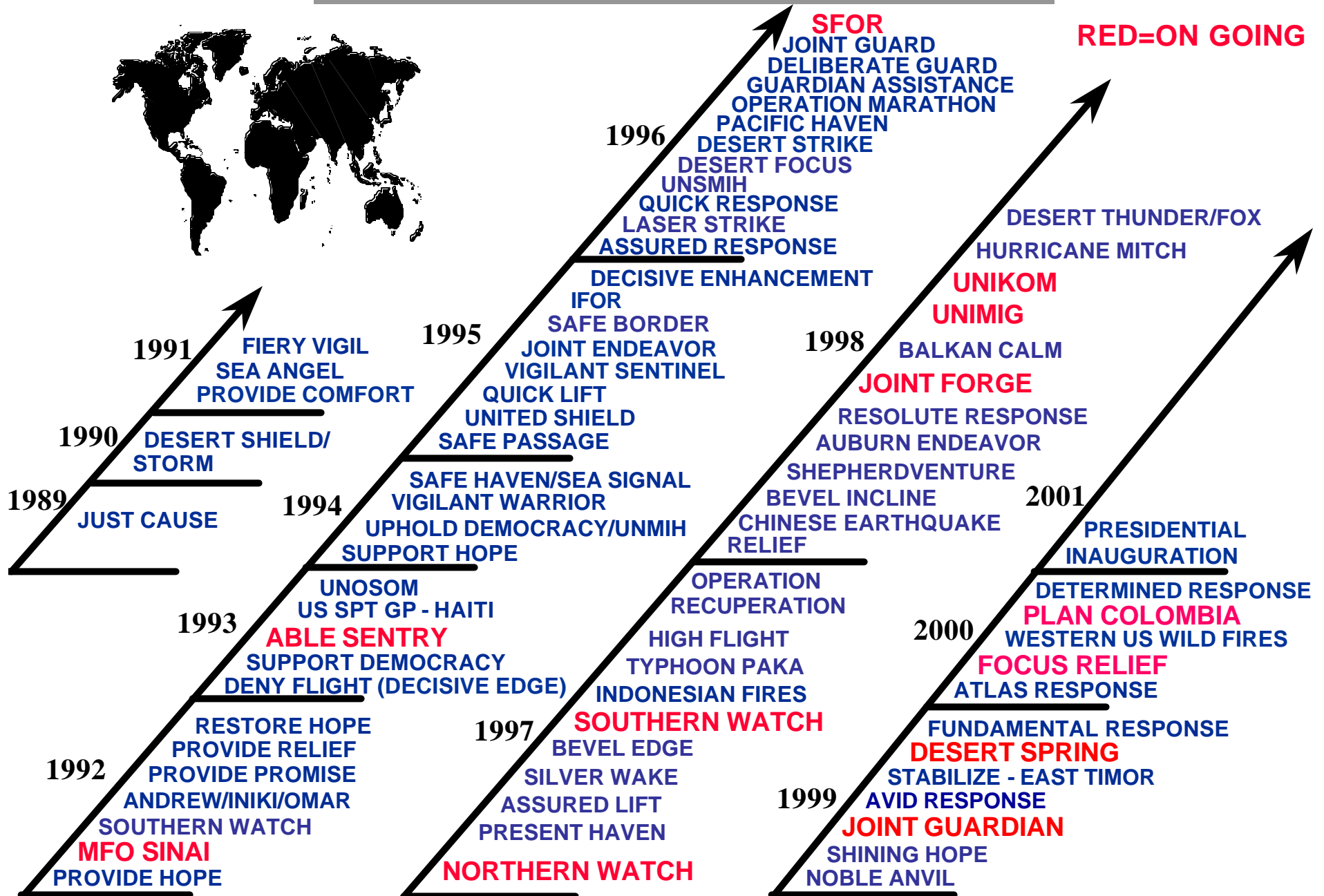
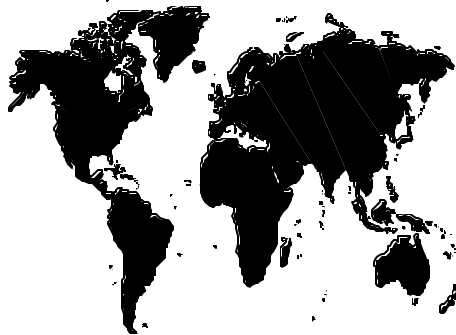
Force Deployment Process + Sustainment Process



Single Process



INCREASING OPTEMPO



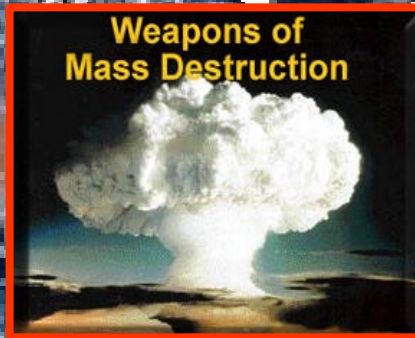
21st Century Security Environment



Non-State Actors



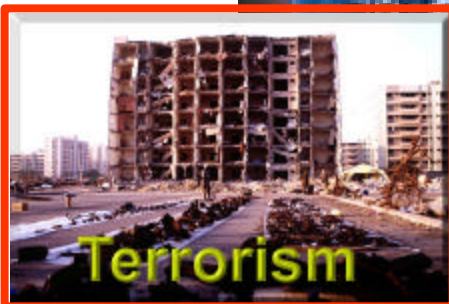
Weapons Proliferation



Weapons of Mass Destruction



Transnational Actors



Terrorism



Peacekeeping



Failed States

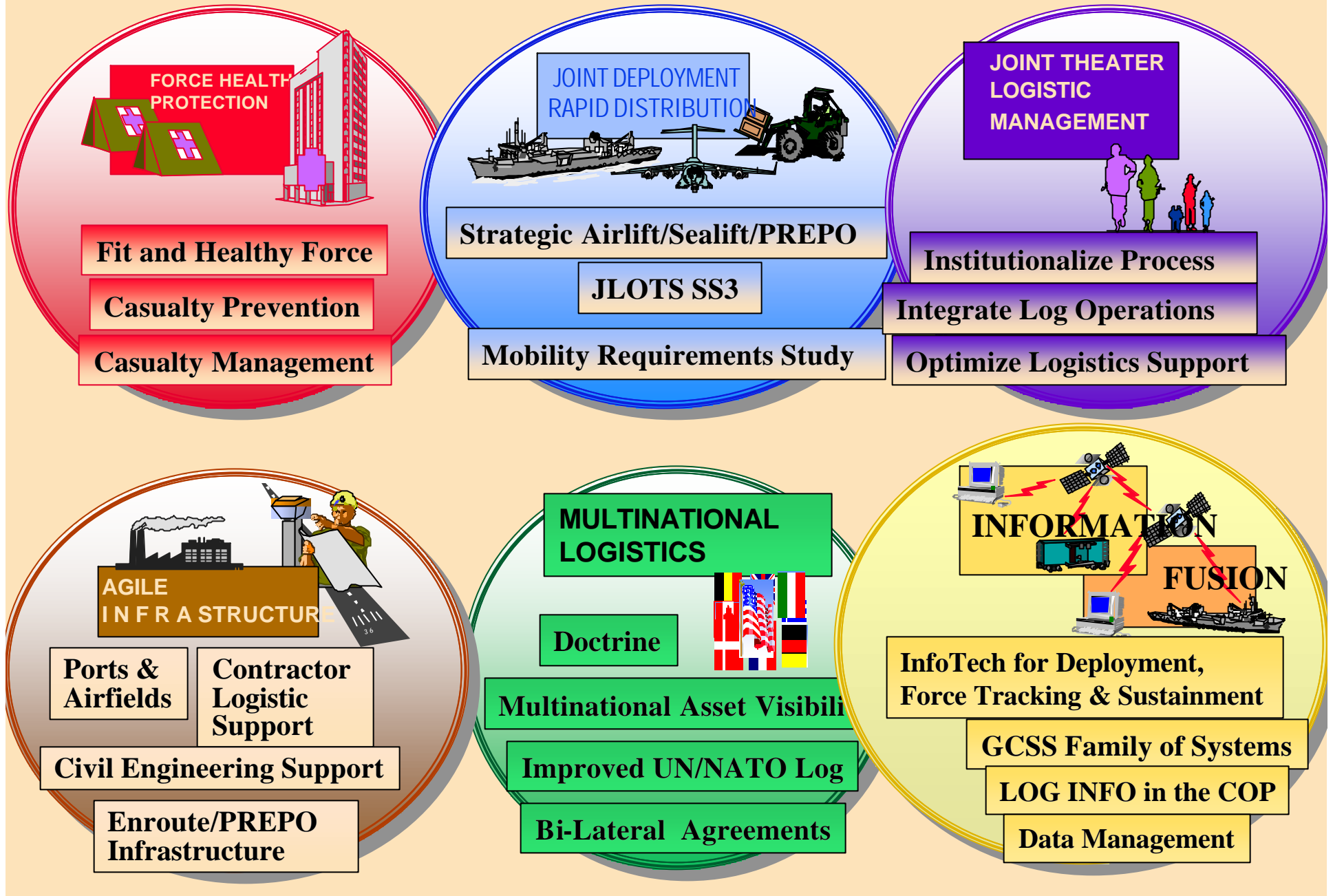


Information Security

JOINT VISION 2020



The Challenges of Focused Logistics





Focused Logistics

Challenge No. 1

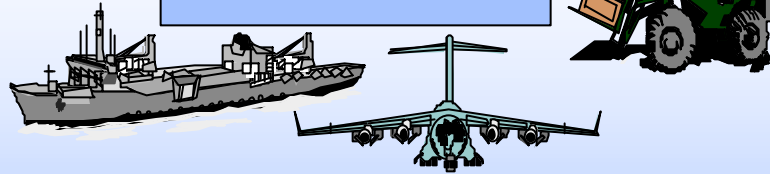




Focused Logistics

Challenge No. 2

**JOINT DEPLOYMENT
RAPID DISTRIBUTION**



Strategic Airlift/Sealift/PREPO

JLOTS SS3

Mobility Requirements Study



Focused Logistics

Challenge No. 3

**JOINT THEATER LOGISTIC
MANAGEMENT**



Institutionalize Process

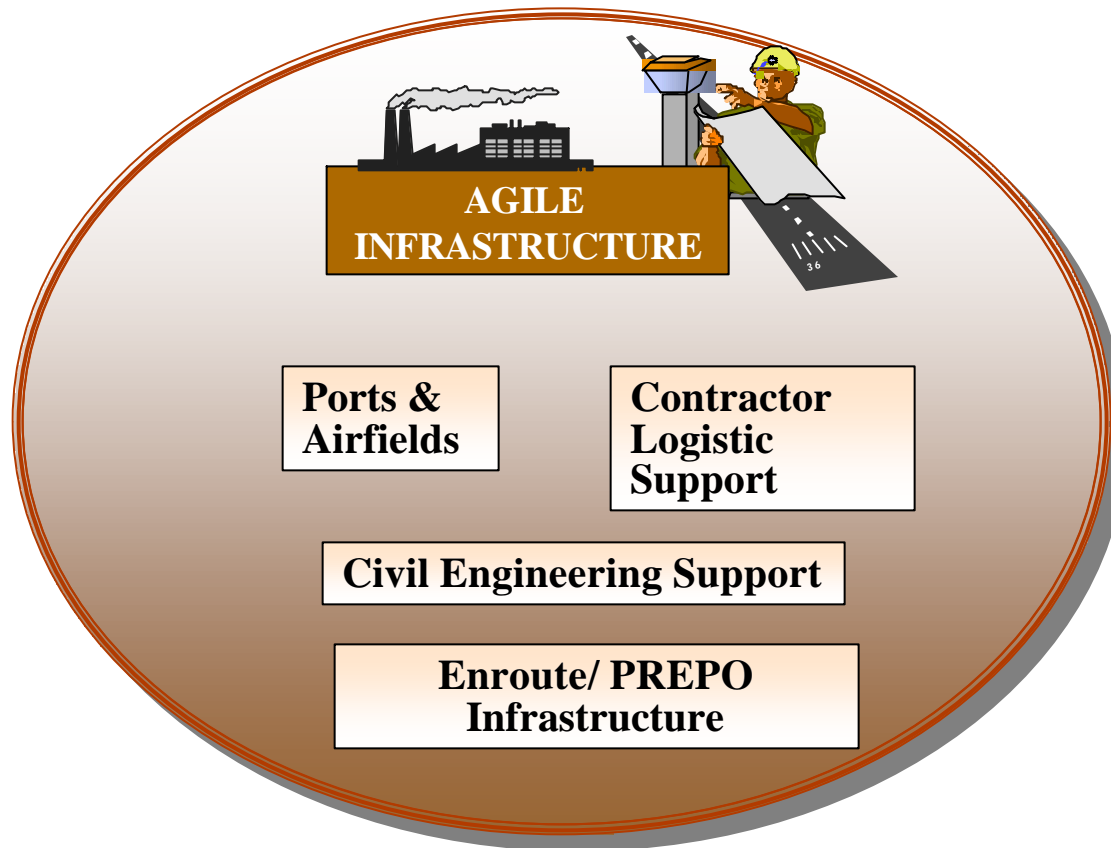
Integrate Log Operations

Optimize Logistics Support



Focused Logistics

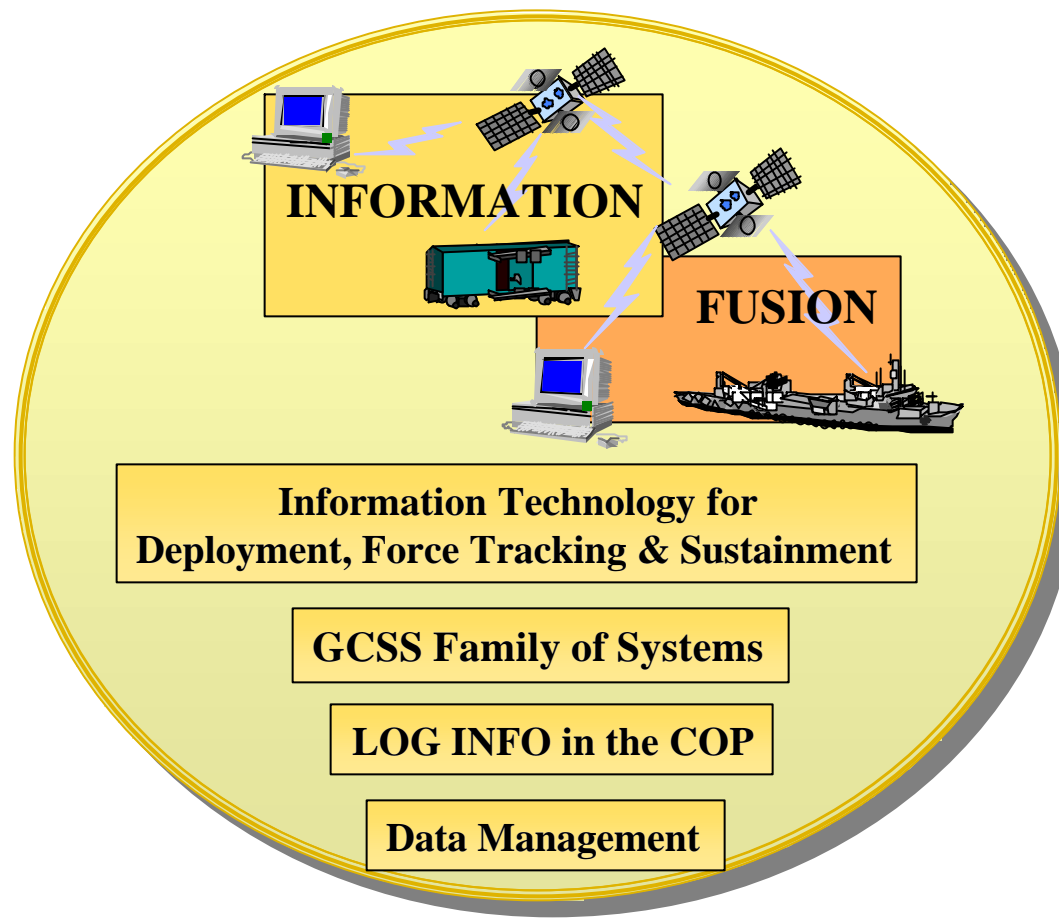
Challenge No. 4





Focused Logistics

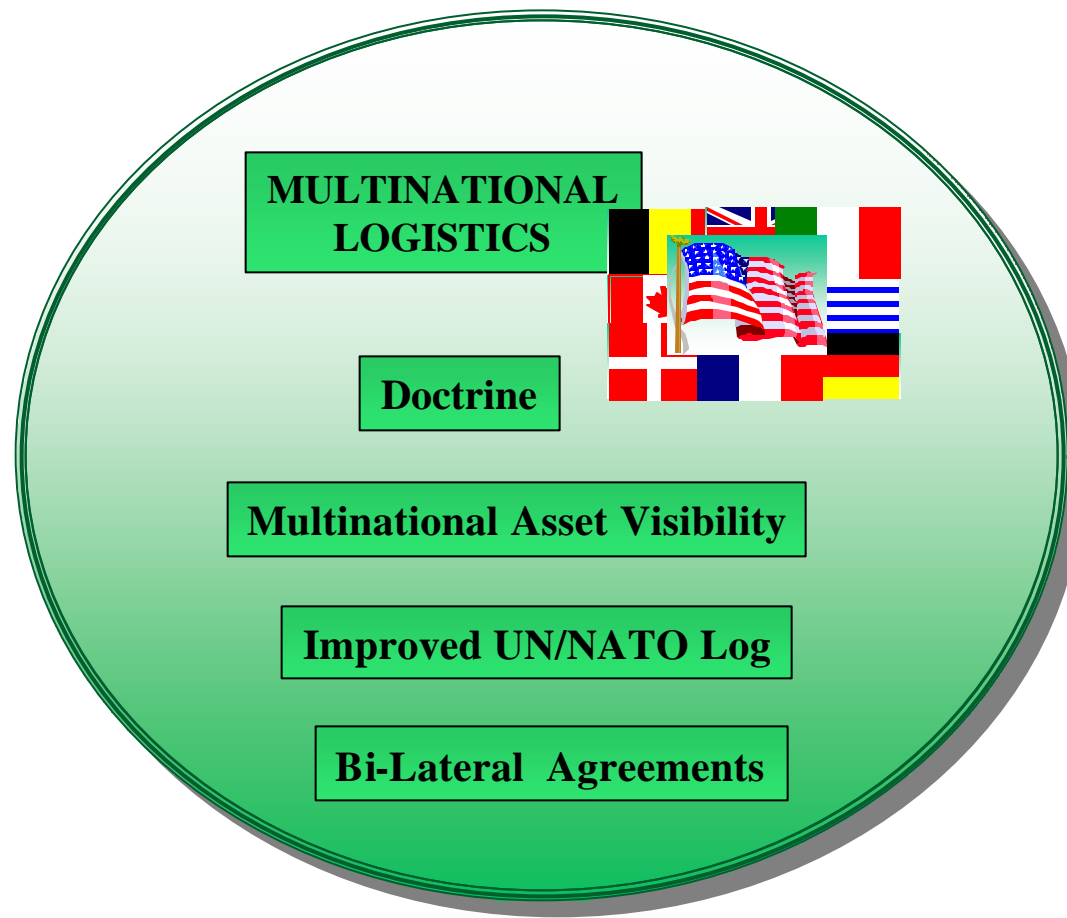
Challenge No. 5





Focused Logistics

Challenge No. 6



Focused Logistics

Rapid Response Rapid Distribution

Precise Application of Logistics

Total Asset Visibility and Intransit Visibility

Information Fusion

Reduced Logistics Inventory, Footprint & Response Time

Tailored Logistics Packages

Result:

More capable deployed forces requiring less continuous support



Logistics Transformation

✓ WE HAVE THE MOST *EFFECTIVE* LOG SYSTEM IN THE WORLD

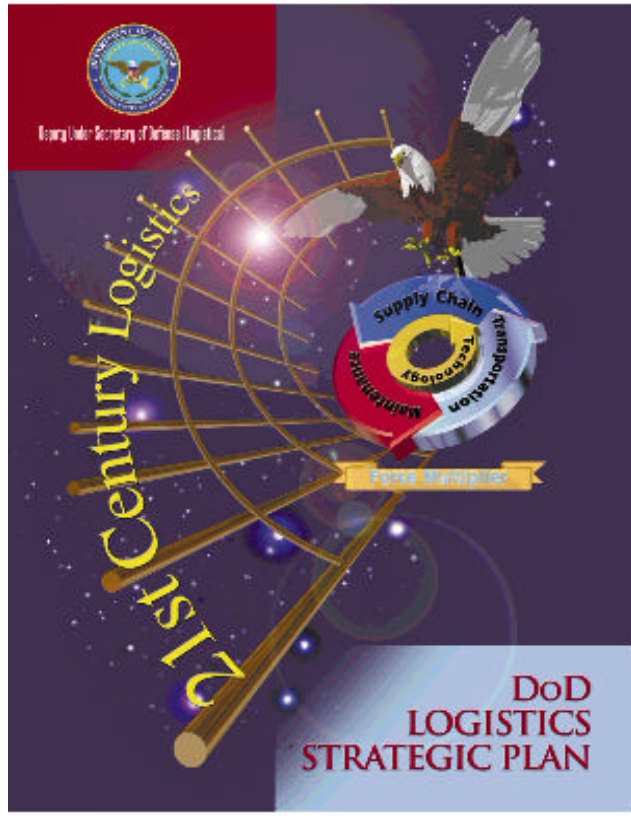
But...

- WE ARE LACKING *FLEXIBILITY*
 - WE ARE LACKING *MOBILITY*
 - WE ARE LACKING *EFFICIENCY*
 - WE ARE LACKING *INTEROPERABILITY*
- 1000+ Log Systems today
 - Processes are over 30 yrs old
 - Batch Processing-adds days
 - Cannibalization increasing
 - Backorders add months
 - Widening gap between DoD and industry practices
 - No Joint Materiel Management capability

*We are **NOT** READY for 2020*

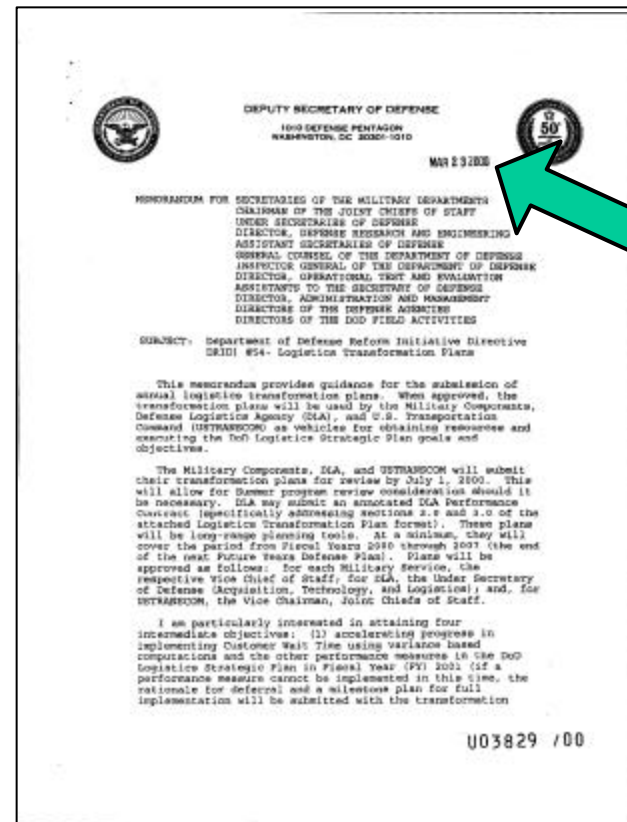


Where we are...



The buy-in

DRID 54:



**Signed
23 MAR 00**

Make it happen!



Where we are Going...Logistics Transformation

Real-Time Situational Awareness

**Optimize
Logistics
Processes to
Minimize
Customer Wait
Time (CWT)
using
Variance
Based Metrics**

FY01

**Customer
Confidence
In a
Simplified
Priority
System With
Time Definite
Delivery**

FY 02

**Total Asset
Visibility
Through
Use of
AIT, Shared
Data
Environment
and Other
Applications**

FY 04

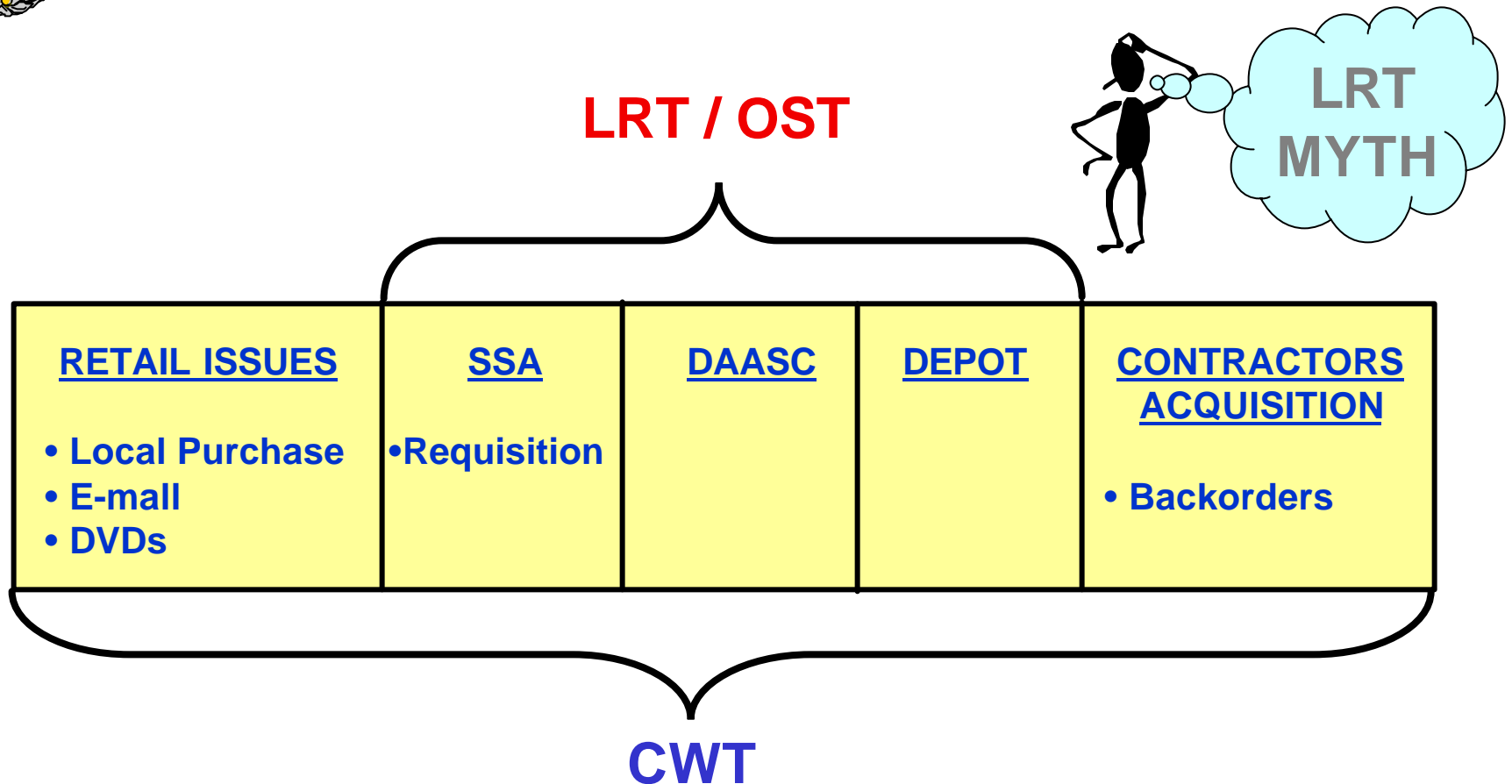
**Real-Time,
Actionable,
Web-Based
Logistics
Information
Systems**

FY 04

WARFIGHTER FOCUS



Current Effort: Customer Wait Time



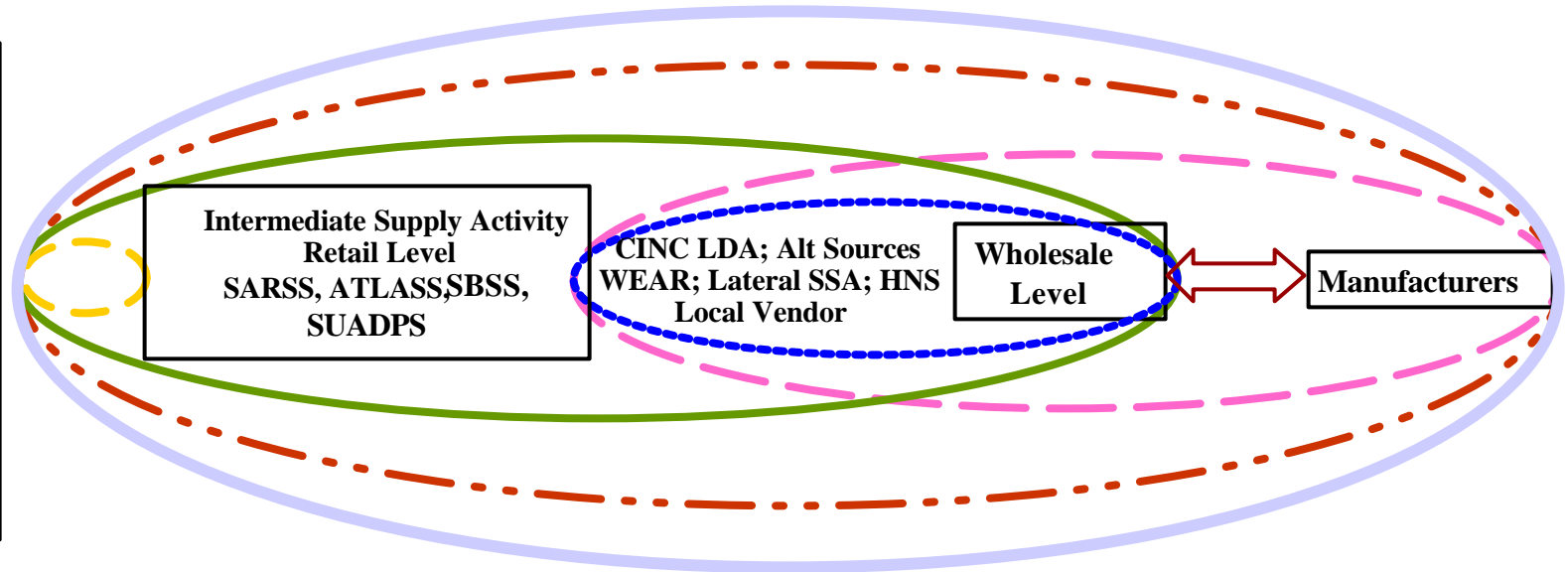
- **LRT** only measures **part** of the supply chain
- **CWT** will measure entire supply chain
- We will use Variance-Based Model vice averages



TDD in CWT Days

Customer Request Generator Using Unit/Unit

Army-ULLS
USMC-MIMMS
USAF-CAMS
Navy-NALCOMIS

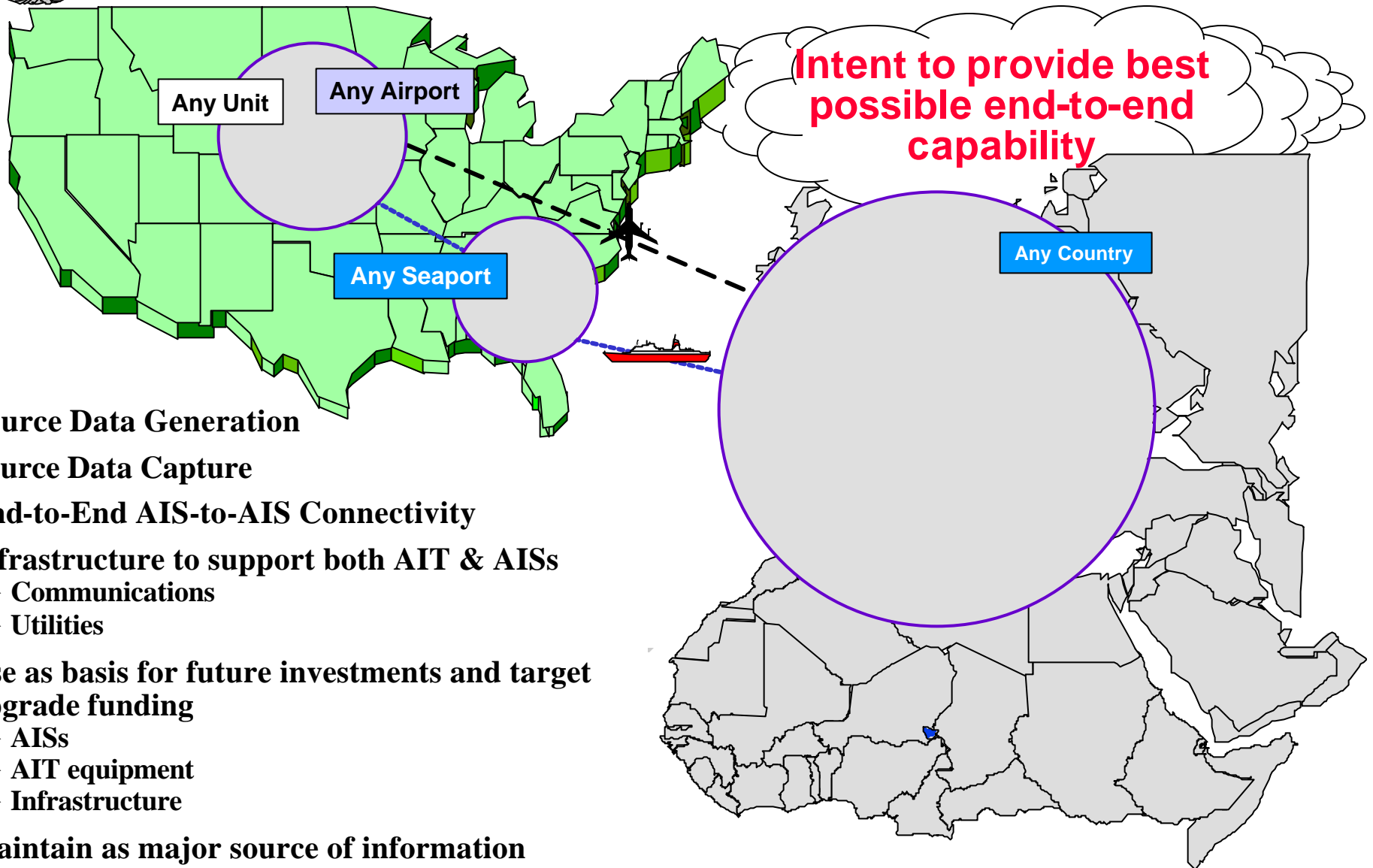


Customer Wait Time Metrics (JLWI-CENTCOM)*						
IPG	Retail Issues	Retail Pass (-) B/O	End-to-End (-) B/O	Retail Pass B/O Only	End-to-End B/O Only	Entire End-to-End
Urgent	1	4	5	8	10	7
Immediate	1	7	8	14	16	12
Routine	2	30	31	60	62	45

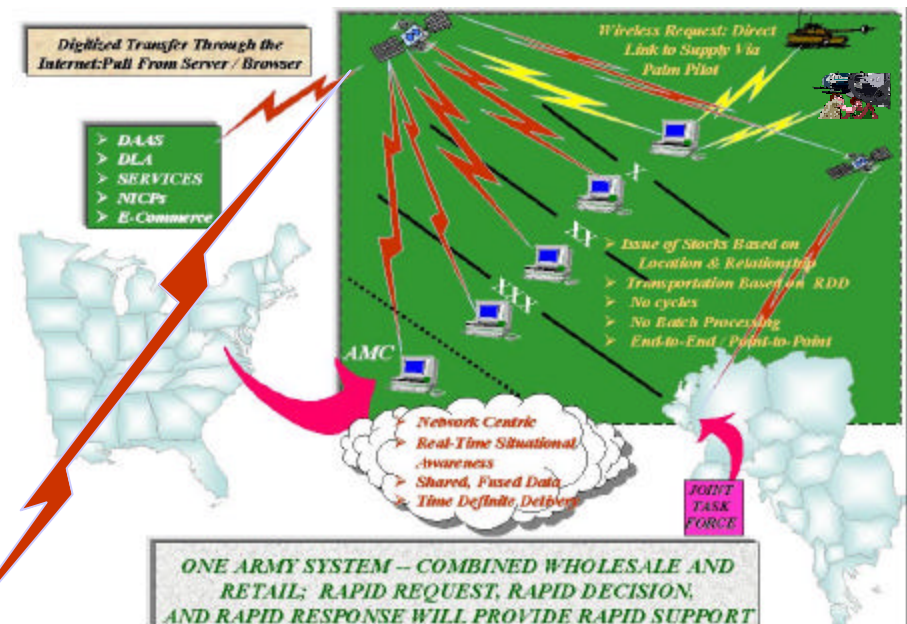
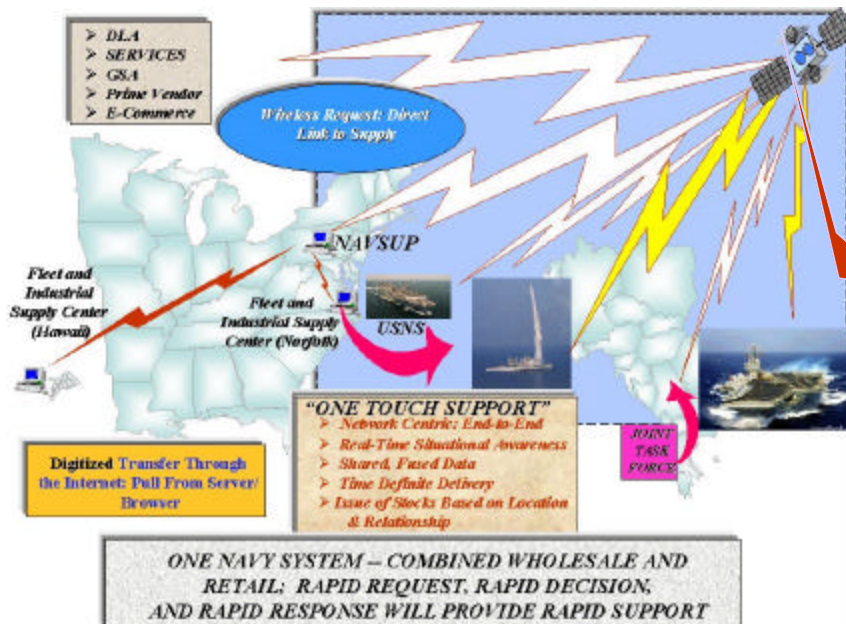
* MAXIMUM ALLOWED TIME TO MEET TDD STANDARD/MUST ACHIEVE TDD STND 95% OF THE TIME.



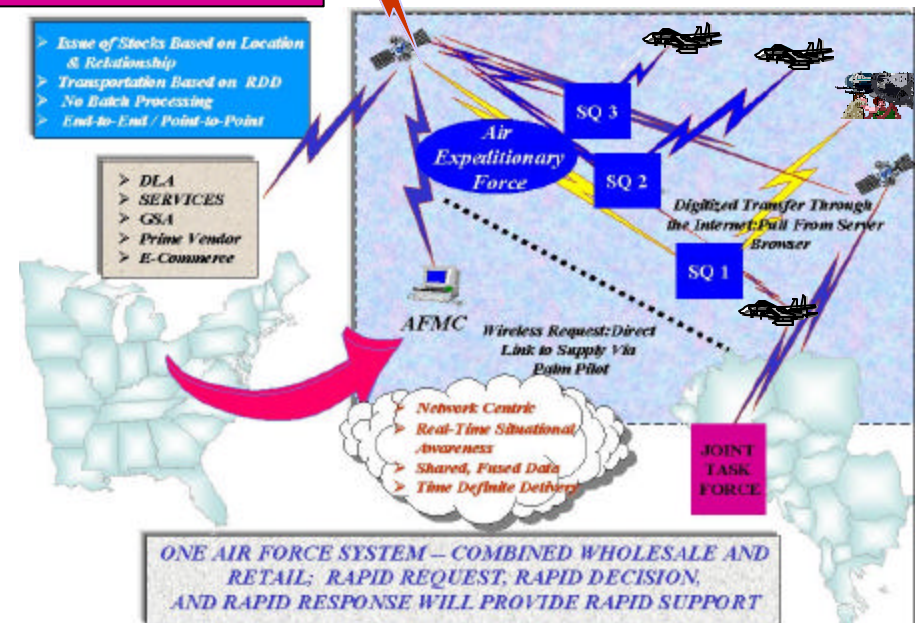
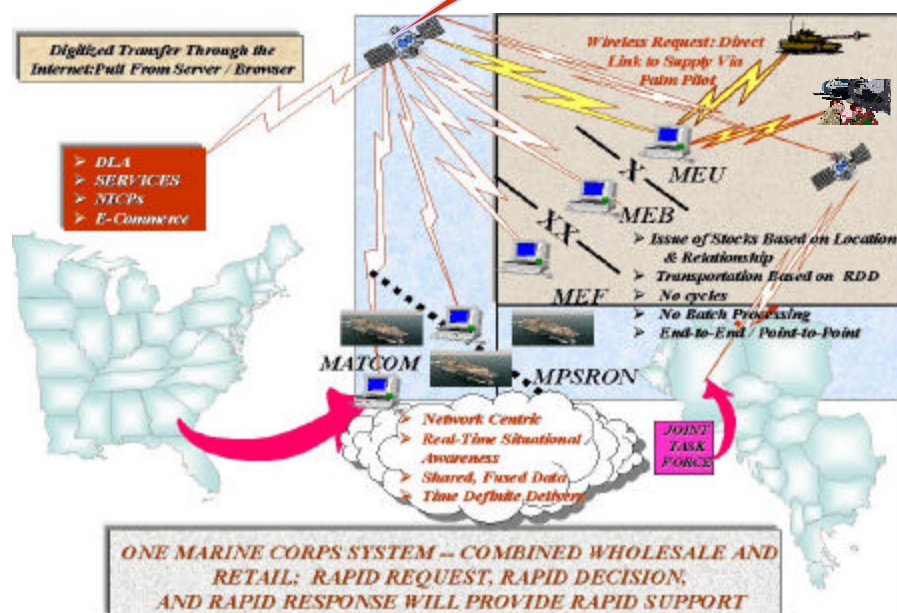
The Goal: A Global Architecture



- Source Data Generation
- Source Data Capture
- End-to-End AIS-to-AIS Connectivity
- Infrastructure to support both AIT & AISs
 - Communications
 - Utilities
- Use as basis for future investments and target upgrade funding
 - AISs
 - AIT equipment
 - Infrastructure
- Maintain as major source of information



NETWORK-CENTRIC LOGISTICS INFORMATION ENVIRONMENT





FLOW 01 Wargame

- JLC Directed, Services Funded
- **J-4 Joint Staff oversight**
 - Designated lead Service
- Collaborative SVC/Agency effort
- **Single-sided, seminar style game**
 - Static scenario
 - 5 Month pre-game phase, 1 week game
- Service oriented, **POM-based**
 - CINCs provide Operational Expertise/Review
- **Biennial game**
 - Rotating Lead Service/War College



***“Enabling Joint
Vision 2020”***

AFWI
Maxwell AFB
22- 26 Oct 2001



Joint Logistics Warfighting Initiative

- ❑ **Test for success**
 - Characterize and certify
 - Affordable confidence
 - Ensure operational capability
- ❑ **Major Effort**
 - Replicate CENTCOM AOR
 - Apply Service Legacy Systems On-Site
 - Create an Integrated Data Environment
 - Create training package for export to AOR
- ❑ **Two Components of the Demonstration**
 - Provide real-time asset visibility through supply nodes
 - Establish a web-based requisitioning system





What Do We Gain?

**INSTANTANEOUS
REQUISITIONING**

**ENHANCED
DEPLOYABILITY
WITH A SMALLER
FOOTPRINT**

**SIGNIFICANT
IMPROVEMENT IN
MAINTENANCE CYCLE
TIMES**

**MORE INFORMED,
CONTROLLED
SUBSTITUTION
DECISIONS**

**TOTAL CONTROL
OF REPAIRABLES**

**OPTIMIZATION OF
INVENTORY**

**ACCOUNTABILITY
OF
REQUIREMENTS**

**REAL TIME JOINT
MATERIEL
MANAGEMENT**

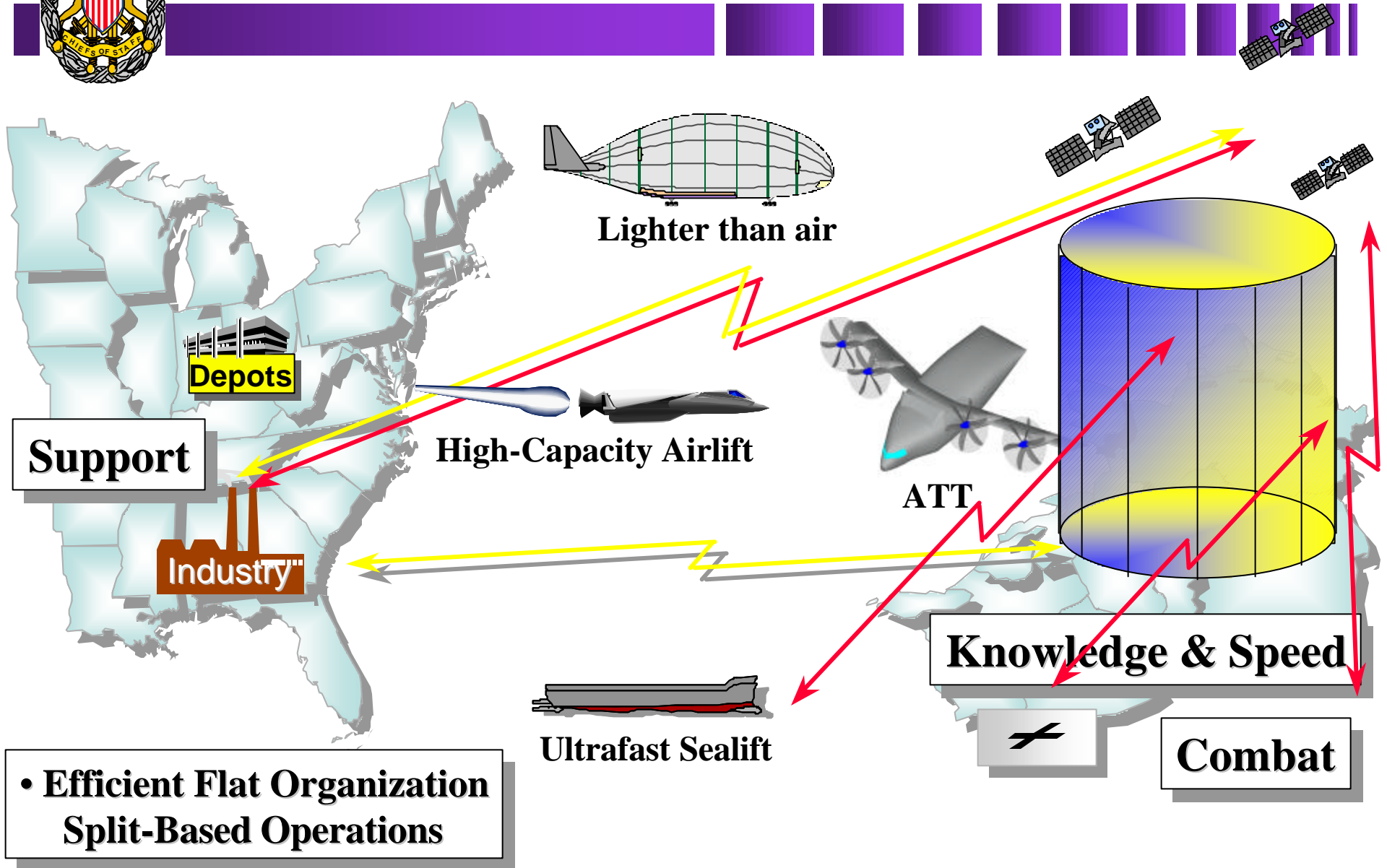


*We don't want to be
put in this position!*





“Beyond 2015”





- **Mission**
- **Current Operations**
- **Joint Vision 2020**
- **Focused Logistics**
- **Logistics Transformation**

New JOINT C-17 Capability?

